

State Correlations Report: Tennessee

Grade: Kindergarten
Subject: Math

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Strand Key	Description	Learning Activities			Lesson Quizzes
0006.1.1	Kindergarten Mathematics Mathematical Processes Model addition and subtraction (e.g., using a number chart, number line and/or concrete objects).	KM054 KM057 KM102 KM107 10120 10124 10128	KM055 KM088 KM103 KM108 10122 10125 10129	KM056 KM100 KM105 10119 10123 10127 10161	MA00C05 MA00E01 MA00E04 MA00E05 MA01AC01 MA01AC03 MA01AC04 MA01AC05 MA01AC06 MA01AC07 MA01AC10 MA01AC11 MA01BB02
0006.1.2	Kindergarten Mathematics Mathematical Processes Begin to develop the concept of estimation using concrete objects.	KM075 10132	10130	10131	MA00D03 MA01AC13 MA01AC14
0006.1.3	Kindergarten Mathematics Mathematical Processes Use words to describe time (e.g., day, night, morning, afternoon, yesterday, today, tomorrow).	KM063 10157	KM064 10169	KM065	MA00D01 MA01DA02 MA01DA04
0006.1.4	Kindergarten Mathematics Mathematical Processes Tell time to the hour.	KM064 10169	KM065	10158	MA00D01 MA01DA03 MA01DA04
0006.1.5	Kindergarten Mathematics Mathematical Processes Recognize a calendar as a way of measuring time.	KM061	KM062	10156	MA00D01 MA01DA01
0006.1.6	Kindergarten Mathematics Mathematical Processes Name and identify coins and their values.	KM069	KM070	10133	MA00D02 MA01AD01

0006.1.7	Kindergarten Mathematics Mathematical Processes Use words to describe temperature (e.g., hot, warm, cool, cold).	KM067	10257	10258	MA00D01 MA01DE01 MA01DE02
0006.1.8	Kindergarten Mathematics Mathematical Processes Recognize a thermometer as a way of measuring temperature.	KM067	10257	10258	MA00D01 MA01DE01 MA01DE02
0006.2.1	Kindergarten Mathematics Number and Operations Count objects to 25 using one-to-one correspondence and identify the quantity in the counted group.	KM034 KM041 KM046	KM035 KM044 KM087	KM036 KM045 10100	MA00C01 MA00C02 MA00C03 MA00E01 MA01AA04
0006.2.2	Kindergarten Mathematics Number and Operations Match quantities to 25 with numerals and written words.	KM034 KM041 KM046	KM035 KM044 KM087	KM036 KM045	MA00C01 MA00C02 MA00C03 MA00E01
0006.2.3	Kindergarten Mathematics Number and Operations Count backward from 10 to 1.	KM041	10100		MA00C02 MA01AA04
0006.2.4	Kindergarten Mathematics Number and Operations Count to 20 by twos.	10103	10145		MA01AA07 MA01BA09
0006.2.5	Kindergarten Mathematics Number and Operations Create a set with a given number of objects.	KM005 10139	KM008 10198	10138	MA00A03 MA00A04 MA01BA01 MA01BA02 MA01BA03
0006.2.6	Kindergarten Mathematics Number and Operations Quickly recognize the number of objects in a small set.	KM005 KM035 KM045 10139	KM008 KM041 KM087	KM034 KM044 10138	MA00A03 MA00A04 MA00C01 MA00C02 MA00C03 MA00E01 MA01BA01 MA01BA02

0006.2.7	Kindergarten Mathematics Number and Operations Recognize zero (0) as a set with "no objects".	KM041		MA00C02
0006.2.8	Kindergarten Mathematics Number and Operations Compare sets of ten or fewer objects and identify which are equal to, more than, or less than others.	KM039 10097	KM040 KM049	MA00C02 MA00C04 MA01AA02
0006.2.9	Kindergarten Mathematics Number and Operations Order the numbers through 25 using numerals and words.	KM051 10092	KM052 KM087	MA00C04 MA00E01 MA01AA03
0006.2.10	Kindergarten Mathematics Number and Operations Recognize 6 through 10 as "five and some ones".	KM034 KM037 KM045 KM052	KM035 KM041 KM046 KM051	MA00C01 MA00C02 MA00C03 MA00C04
0006.2.11	Kindergarten Mathematics Number and Operations Recognize and use ordinal numbers (e.g., first, fourth, last).	KM051 10092	KM052 KM087	MA00C04 MA00E01 MA01AA03
0006.2.12	Kindergarten Mathematics Number and Operations Model simple joining and separating situations with objects.	KM054 KM057 KM101 KM105 KM108 10121 10124 10127	KM055 KM088 KM102 KM106 10119 10122 10125 10128	KM056 KM100 KM103 KM107 10120 10123 10126 10129 MA00C05 MA00E01 MA00E04 MA00E05 MA01AC01 MA01AC02 MA01AC03 MA01AC04 MA01AC05 MA01AC06 MA01AC07 MA01AC09 MA01AC10 MA01AC11

0006.2.13	Kindergarten Mathematics Number and Operations Add and subtract single-digit numbers whose total or difference is between 0 and 10.	KM054 KM057 KM101 KM105 KM108	KM055 KM088 KM102 KM106	KM056 KM100 KM103 KM107	MA00C05 MA00E01 MA00E04 MA00E05
0006.2.14	Kindergarten Mathematics Number and Operations Understand add as "put together" or "count on" and solve addition problems with sums less than 20.	KM054 KM100 10119 10125 10128	KM055 KM102 10122 10126 10129	KM088 KM103 10123 10127	MA00C05 MA00E01 MA00E04 MA01AC03 MA01AC04 MA01AC06 MA01AC07 MA01AC09 MA01AC10 MA01AC11
0006.2.15	Kindergarten Mathematics Number and Operations Understand subtraction as "break apart" or "take away" and solve subtraction problems using numbers 1 through 10.	KM056 KM107 10124	KM057 KM108 10128	KM105 10120 10161	MA00C05 MA00E05 MA01AC01 MA01AC05 MA01AC11 MA01BB02

0006.2.16	Kindergarten Mathematics Number and Operations Model, demonstrate, and solve story problems that illustrate addition and subtraction.	KM054	KM055	KM056	
		KM057	KM088	KM100	
		KM101	KM102	KM103	
		KM105	KM106	KM107	MA00C05
		KM108	10119	10120	MA00E01
		10121	10122	10123	MA00E04
		10124	10125	10126	MA00E05
		10127	10128	10129	MA01AC01
					MA01AC02
					MA01AC03
					MA01AC04
					MA01AC05
					MA01AC06
					MA01AC07
					MA01AC09
					MA01AC10
					MA01AC11
0006.2.17	Kindergarten Mathematics Number and Operations Understand that numbers can be represented by different groupings.	KM037	KM047		MA00C01 MA00C03
0006.3.1	Kindergarten Mathematics Algebra Use a variety of manipulatives (such as connecting cubes, number cards, shapes) to create patterns.	KM002	KM003	KM006	
		KM014	KM015	KM030	MA00A02
		KM031	KM091	10141	MA00A03
		10142	10143	10144	MA00A06
		10145			MA00B06
					MA00E01
					MA01BA04
					MA01BA05
					MA01BA06
					MA01BA07
					MA01BA09

0006.3.2	Kindergarten Mathematics Algebra Name, copy, and extend patterns.	KM006 KM030 10141 10144	KM014 KM031 10142 10145	KM015 KM091 10143	MA00A03 MA00A06 MA00B06 MA00E01 MA01BA04 MA01BA05 MA01BA06 MA01BA07 MA01BA09
0006.3.3	Kindergarten Mathematics Algebra Translate simple patterns into rules.	KM003	10141	10142	MA00A02 MA01BA04 MA01BA05
0006.3.4	Kindergarten Mathematics Algebra Sort, order and classify objects by attribute and identify objects that do not belong in a particular group.	KM005 10138	KM008 10139	KM012 10198	MA00A03 MA00A04 MA00A05 MA01BA01 MA01BA02 MA01BA03
0006.3.5	Kindergarten Mathematics Algebra Describe change in attributes according to qualitative criteria such as longer/shorter, colder/warmer, heavier/lighter.	KM067 KM082 10182 10256	KM073 10170 10184	KM081 10176 10186	MA00D01 MA00D03 MA00D05 MA01DB02 MA01DB03 MA01DC01 MA01DC02 MA01DD02 MA01DD04

0006.4.1	Kindergarten Mathematics Geometry and Measurement Identify, name, and describe a variety of shapes (i.e. circles, squares, triangles, rectangles, hexagons, trapezoids) shown in various positions.	KM027 10094 10113 10196	KM028 10095 10149	10093 10096 10155	MA00B05 MA01CA01 MA01CA02 MA01CA03 MA01CA04 MA01CA05 MA01CD01 MA01CD04
0006.4.2	Kindergarten Mathematics Geometry and Measurement Identify, name, and describe three-dimensional shapes (such as sphere, cube, cone, cylinder).	KM027 10154	KM028 10166	10150 10197	MA00B05 MA01CA03 MA01CA06 MA01CA07 MA01CD02
0006.4.3	Kindergarten Mathematics Geometry and Measurement Sort plane figures into groups, name and describe the attributes of the shapes (such as number of sides and corners (vertices)).	KM005 KM028 10095 10138 10155	KM008 10093 10096 10139 10196	KM027 10094 10113 10149 10198	MA00A03 MA00A04 MA00B05 MA01BA01 MA01BA02 MA01BA03 MA01CA01 MA01CA02 MA01CA03 MA01CA04 MA01CA05 MA01CD01 MA01CD04

0006.4.4	Kindergarten Mathematics Geometry and Measurement Sort solid figures into groups, name and describe the attributes of the shapes.	KM005 KM028 10150 10197	KM008 10138 10154	KM027 10139 10166	MA00A03 MA00A04 MA00B05 MA01BA01 MA01BA02 MA01CA03 MA01CA06 MA01CA07 MA01CD02
0006.4.5	Kindergarten Mathematics Geometry and Measurement Use basic shapes and spatial reasoning to model objects and construct more complex shapes.	10116			MA01CD05
0006.4.6	Kindergarten Mathematics Geometry and Measurement Identify positions (such as beside, inside, outside, above, below, between, on, over, under, near, far, forward, backward, top, middle, bottom, left, right) using models, illustrations, and stories.	KM018 KM022	KM019 10115	KM021 10174	MA00B02 MA00B03 MA01CB01 MA01CB03
0006.4.7	Kindergarten Mathematics Geometry and Measurement Make direct and indirect comparisons between objects (such as recognize which is shorter, longer, taller, lighter, heavier, or holds more).	KM067 KM075 10170 10180 10186	KM073 KM081 10176 10182 10256	KM074 KM082 10178 10184 10257	MA00D01 MA00D03 MA00D05 MA01DB02 MA01DB03 MA01DB05 MA01DC01 MA01DC02 MA01DC03 MA01DD02 MA01DD04 MA01DE02
0006.5.1	Kindergarten Mathematics Data, Probability and Statistics Sort objects into sets and describe how the objects were sorted.	KM005 10139	KM008 10198	10138	MA00A03 MA00A04 MA01BA01 MA01BA02 MA01BA03

0006.5.2	Kindergarten Mathematics Data, Probability and Statistics Sort objects in different ways.	KM005 10139	KM008 10198	10138	MA00A03 MA00A04 MA01BA01 MA01BA02 MA01BA03
0006.5.3	Kindergarten Mathematics Data, Probability and Statistics Collect and count data.	KM042 KM094 10188 10191	KM050 KM095 10189	KM093 10187 10190	MA00C02 MA00C04 MA00E02 MA01EA01 MA01EA02 MA01EA03 MA01EB01 MA01EB02